

IN THE CLAIMS:

Claims 1-13 (cancelled)

14. (Currently Amended) A method for operating first and second radio communication systems incorporating a plurality of radio stations and having radio coverage areas that overlap at least in part, comprising:

sending a message by the first radio communication system that is a cellular system to at least some of the radio stations of the second radio communication system with instructions for organizing communication within the second radio communication system; and

instructing at least one radio station of the second radio communication system, via the message from the first radio communication system, to send information contained in the message concerning the organization of communication within the second radio communication system to other radio stations of the second radio communication system,

wherein the information concerning the organization relates to at least one of the timing of at least one period of time for communication within the second radio communication system based on a centrally controlled radio access method and the timing of at least one period of time for communication within the second radio communication system based on a decentrally controlled radio access method,

wherein centrally assignment of radio resources takes place by the cellular system, and wherein at least one centralized as well as at least one decentralized period of time are assigned to the second communication system, and

at least one centralized as well as at least one decentralized period of time are assigned to the second communication system.

15. (Previously Presented) A method according to claim 14, wherein the instructions relate to timing specifications for communication within the second radio communication system.

16. (Previously Presented) A method according to claim 14, wherein the instructions relate to at least one period of time for communication within the second radio communication system based on a centrally controlled radio access method and at least one period of time for communication within the second radio communication system based on a decentrally controlled radio access method.

17. (Previously Presented) A method according to claim 14, wherein a time for sending the information concerning the organization is communicated to the at least one radio station via the message from the first radio communication system.

18. (Cancelled)

19. (Previously Presented) A method according to claim 14, wherein the information concerning the organization relates to the assignment of radio resources of a period of time for communication within the second radio communication system based on a centrally controlled radio access method to at least one radio station of the second radio communication system.

20. (Previously Presented) A method according to claim 14, wherein the information concerning the organization relates to at least one time for at least one of future transmission of information concerning the organization of communication within the second radio communication system by at least one radio station of the second radio communication system and future transmission of a message with instructions concerning the organization of communication within the second radio communication system by the first radio communication system.

21. (Previously Presented) A method according to claim 14, wherein, based on the instructions of the first radio communication system for organizing communication within the second radio communication system, said method is performed in sequence as follows:

transmitting during a first period of time information by at least one radio station of the second radio communication system concerning the organization of subsequent communication within the second radio communication system;

communicating during a second period of time within the second radio communication system based on a decentrally controlled radio access method; and

communicating during a third period of time within the second radio communication system based on a centrally controlled radio access method.

22. (Previously Presented) A method according to claim 21,
wherein common frequency radio resources are available to the first and the second radio communication systems,

wherein the first period of time is preceded by sending the message of the first radio communication system with instructions for organizing communication within the second radio communication system, and

wherein the third period of time is followed by communicating within the first radio communication system during a fourth period of time.

23. (Previously Presented) A method according to claim 14, wherein a device of the first radio communication system creates the instructions depending on information about at least one of radio stations and radio resources of the second radio communication system.

24. (CURRENTLY AMENDED) A device in a first radio communication that is a cellular system, comprising:

means for storing information about at least one of radio stations and radio resources of a second radio communication system having a plurality of radio stations;

means for creating a message with instructions for organizing communication within the second radio communication system, the message instructing at least one radio station of the second radio communication system to send information contained in the message concerning organization of communication within the second radio communication system to other radio stations of the second radio communication system;

means for selecting a subset of the radio stations of the second radio communication system; and

means for transmitting the message to the subset of radio stations of the second radio communication system,

wherein the information concerning the organization relates to at least one of the timing of at least one period of time for communication within the second radio communication system based on a centrally controlled radio access method and the timing of at least one period of time for communication within the second radio communication system based on a decentrally controlled radio access method,

wherein centrally assignment of radio resources takes place by the cellular system,

wherein at least one centralized as well as at least one decentralized period of time are assigned to the second communication system, and

at least one centralized as well as at least one decentralized period of time are assigned to the second communication system.

25. (Previously Presented) A device according to claim 24, wherein the instructions in the message created by the device relate to at least one of timing specifications for communication within the second radio communication system, at least one period of time for communication within the second radio communication system based on a centrally controlled radio access method and at least one period of time for communication within the second radio communication system based on a decentrally controlled radio access method.

26. (Previously Presented) A device according to claim 25, wherein, via the message created by the device, a time for transmitting the information concerning the organization is communicated to the at least one radio station.